

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24 (canceled)

25. (previously amended) An enriched or purified preparation of human mitotic oligodendrocyte-specified progenitor cells, wherein the mitotic oligodendrocyte-specified progenitor cells are from a post-natal human and a human cyclic nucleotide phosphodiesterase 2 promoter is transcriptionally active in all cells of the enriched or purified preparation.

26. (previously amended) An enriched or purified preparation of human mitotic oligodendrocyte progenitor cells, wherein the mitotic oligodendrocyte progenitor cells are from an adult human and a human cyclic nucleotide phosphodiesterase 2 promoter is transcriptionally active in all cells of the enriched or purified preparation.

27-28 (canceled)

29. (previously amended) An enriched or purified preparation of human mitotic oligodendrocyte-specified progenitor cells, wherein a human cyclic nucleotide phosphodiesterase 2 promoter is transcriptionally active in all cells of the enriched or purified preparation.